

## 1. 修改运行环境为LocalEnvironment

```
//      final StreamExecutionEnvironment env =  
StreamExecutionEnvironment.getExecutionEnvironment();  
      final StreamExecutionEnvironment env =  
StreamExecutionEnvironment.createLocalEnvironment();
```

## 2. 打包上传

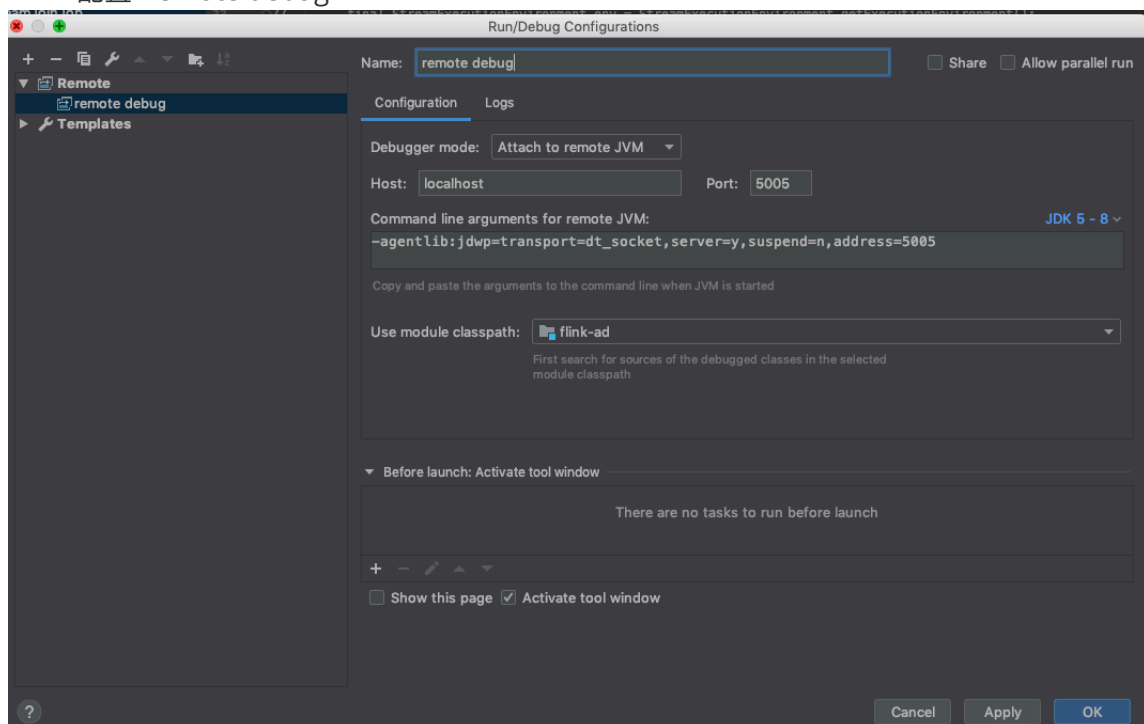
## 3. 运行debug脚本

```
java -cp flink-1.7.2/lib/*:flink-ad-1.0-SNAPSHOT.jar -  
agentlib:jdwp=transport=dt_socket,server=y,suspend=y,address=5005  
com.nx.stream.ad.StreamJoinJob
```

## 4. 远程debug 需要先开启ssh代理

```
alias zdebug='ssh -p20522 -CfNg -L 5005:10.0.0.9:5005 root@116.213.207.93'
```

## 5. IDEA 配置 Remote debug



## 6. 启动Flink 任务

```
java -cp flink-1.7.2/lib/*:flink-ad-1.0-SNAPSHOT.jar -  
agentlib:jdwp=transport=dt_socket,server=y,suspend=y,address=5005  
com.nx.stream.ad.StreamJoinJob
```

```
work@bigdata01 v1]$ java -cp flink-1.7.2/lib/*:flink-ad-1.0-SNAPSHOT.jar -agentlib:jdwp=transport=dt_socket,server=y,suspend=y,address=5005 com.nx.stream.ad.StreamJoinJob  
listening for transport dt_socket at address: 5005
```

7.